

Title (en)

METHOD AND APPARATUS FOR REFINING DEPTH IMAGE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERBESSERUNG EINES TIEFBILDES

Title (fr)

PROCÉDÉ ET APPAREIL POUR AMÉLIORER UNE IMAGE DE PROFONDEUR

Publication

**EP 3385903 B1 20200708 (EN)**

Application

**EP 18162512 A 20180319**

Priority

KR 20170044226 A 20170405

Abstract (en)

[origin: EP3385903A1] A method of refining a depth image includes extracting shading information of color pixels from a color image, and refining a depth image corresponding to the color image based on surface normal information of an object included in the shading information.

IPC 8 full level

**G06T 5/00** (2006.01)

CPC (source: CN EP KR US)

**G06T 5/00** (2013.01 - KR); **G06T 5/10** (2013.01 - CN); **G06T 5/70** (2024.01 - CN EP US); **G06T 7/11** (2017.01 - US); **G06T 7/12** (2017.01 - US); **G06T 7/507** (2017.01 - KR US); **G06T 7/90** (2017.01 - CN KR); **G06T 15/80** (2013.01 - US); **G06V 20/653** (2022.01 - US); **G06T 2207/10024** (2013.01 - EP KR US); **G06T 2207/10028** (2013.01 - EP KR US); **G06T 2207/20024** (2013.01 - KR); **G06T 2207/20182** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

**EP 3385903 A1 20181010**; **EP 3385903 B1 20200708**; CN 108694703 A 20181023; CN 108694703 B 20230627; KR 102320198 B1 20211102; KR 20180113043 A 20181015; US 10991111 B2 20210427; US 2018293745 A1 20181011

DOCDB simple family (application)

**EP 18162512 A 20180319**; CN 201810250012 A 20180326; KR 20170044226 A 20170405; US 201815913055 A 20180306